| POSITION | INITIALS | ID NO. | DATE |
|---------------------------|----------|-------------|----------|
| FEE DETERMINATION | DT | | 9-16-00 |
| O.I.P.E. CLASSIFIER | | <i>⊊. i</i> | 1/25/00 |
| FORMALITY REVIEW | ZH | 70883 | 10/74/00 |
| RESPONSE FORMALITY REVIEW | | | 10,00 |

INDEX OF CLAIMS

| ✓ Rejected | N Non-elected |
|--|----------------|
| = Allowed | I Interference |
| (Through numeral) Canceled | A Appeal |
| ÷ Restricted | OObjected |

| Claim Date | | | | | | | CI | aim | | | • | | Date | | | | | | | | im | Date | | | | | | | | | | | | | |
|--------------------------------------|------------|--------------|----------|-----------|----------|----------|----------|-----|----------|---|----------|----------|----------|----------|------------|-------------------|-------------------------------------|----------|----------|----------|----------|---------|----------|---|---------------|------------|----------|----------|---------------------|----------|--|----------|----------|----------|----------|
| | 160 | tool | | | | | | | | | | Final | -e | | | | | | | | | | | | 1 | Original | | | | | | | | | |
| 17 | 15 | ? } | + | + | \dashv | \dashv | \dashv | | - | | \dashv | <u>"</u> | 51 | Н | \dashv | \dashv | - | \dashv | \dashv | \dashv | | + | \dashv | | ۳ | 101 | - | | | - | H | | - | \dashv | - |
| \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | 4 <u>-</u> | + | + | + | \dashv | \dashv | - | | H | | \dashv | - | 52 | | | | \dashv | - | -+ | \dashv | \dashv | -+ | | | Н | 102 | ⊢ | \vdash | | ├— | H | \vdash | _ | \dashv | H |
| 3 | _ | \vdash | + | \dashv | ᅱ | | | _ | H | \dashv | \dashv | - | 53 | \dashv | | -1 | | + | - | - | \dashv | + | \dashv | | \vdash | 103 | ╁ | | _ | | Н | | | - | H |
| - | - | ₩ | + | \dashv | 4 | _ | _ | | <u> </u> | \dashv | | - | 54 | | \dashv | \dashv | \dashv | \dashv | -+ | - | \dashv | + | | | Н | 104 | ┢ | H | | ⊢ | \vdash | \vdash | | \dashv | \vdash |
| 5 | _ | ₩ | + | - | - | | _ | | H | \dashv | | - | 55 | \dashv | - | | | | + | - | \dashv | + | - | | Н | 105 | ╁ | H | | ├ | | | | \dashv | - |
| 6 | - | ⊬ | -+- | 4 | | | -1 | | H | \dashv | - | - | 56 | -1 | | | - | - | \dashv | - | \dashv | + | 4 | | Н | 106 | ╁─╴ | H | \vdash | - | \vdash | | - | \dashv | - |
| 1 7 | _ | ₩ | + | + | \dashv | | - | | | \vdash | _ | \vdash | 57 | \dashv | | | | - | -+ | \dashv | \dashv | + | \dashv | | Н | 107 | - | | | ⊢ | ┝┥ | | | \dashv | - |
| 8 | - | ₩ | \dashv | + | - | - | - | | | \dashv | | \vdash | 58 | \dashv | - | | | + | + | - | \dashv | + | \dashv | | - | 108 | ╁ | | | - | ₩ | | | \dashv | \vdash |
| + | ┿ | ₩ | + | + | \dashv | | | | - | - | | \vdash | _ | - | | \dashv | \dashv | - | \dashv | -+ | \dashv | + | H | | | 109 | ╁ | | | - | Н | _ | | \dashv | H |
| 9 | →- | ₩ | | - | - | \dashv | -+ | - | | \dashv | | - | 59 | \dashv | \dashv | + | | - | \dashv | \dashv | + | -+ | - | | - | | ╁╌ | - | | \vdash | Н | | | | H |
| 10 | | ₩- | | -+ | - | | | | - | \vdash | | - | 60 61 | | \dashv | - | - | - | \dashv | \dashv | -+ | -+ | \dashv | | | 110 | - | | | <u> </u> | H | | | | ⊢ |
| - | - | ╁. | + | + | | - | | | _ | - | | | - | | | \dashv | | - | | -+ | + | + | \dashv | | - | | ╁ | ŀ | | | Н | Н | | | \vdash |
| 12 13 | _ | ₩ | + | + | - | - | | | H | Щ | \dashv | - | 62 63 | \vdash | | | | -+ | -+ | \dashv | + | + | \dashv | | - | 112 | ╀ | - | Η, | \vdash | \vdash | \vdash | \dashv | - | H |
| _ | _ | #- | + | + | - | - | | | \vdash | \vdash | \dashv | - | - | \vdash | | | | -+ | | -+ | - | + | \dashv | | \vdash | 113 | ₩ | \vdash | ٠. | \vdash | ├ | \vdash | \dashv | - | H |
| 14 | - | 4 | + | + | - | | | - | - | | _ | | 64 65 | | | 1 | | -+ | -+ | -+ | - | + | \dashv | | \vdash | 114 115 | \vdash | \vdash | \vdash | - | - | Н | \dashv | - | H |
| 15 | - | + | + | + | 4 | - | 4 | _ | <u> </u> | | \dashv | F | - | H | \dashv | _ | | # | 7 | + | 7 | + | 4 | | | | \vdash | \vdash | - | - | - | | \vdash | _ | F |
| 16 | - | + | + | + | + | - | \dashv | - | H | | \dashv | \vdash | 66 67 | \vdash | \dashv | - | | - | \dashv | + | \dashv | + | \dashv | | - | 116 117 | 1 | | <u> </u> | \vdash | - | Н | H | | H |
| 17 | - | # | + | + | - | | | | | - | \dashv | \vdash | 68 | \vdash | \dashv | | - | + | \dashv | - | \dashv | + | \dashv | | | 118 | +- | - | | | ┼ | <u> </u> | \vdash | \dashv | H |
| 18 | - | 4 | + | + | - | | - | _ | | \dashv | \dashv | - | _ | Н | | - | \dashv | - | - | - | + | + | 4 | | - | | ┼- | | | ⊢ | ├ | | - | - | H |
| 19 | + | \downarrow | + | + | 4 | | - | | | | _ | | 69 | \sqcup | \dashv | - -⊦ | | _ | 4 | | | - | | | - | 119 | ┼ | <u> </u> | - | | — | | ш | | L |
| 20 | + | \perp | Ţ | _ _ | _ | | _ | | | \Box | _ | ┡ | 70 | | _ | _ | | 4 | _ | _ | _ | _ | _ | | | 120 | ↓_ | | L. | <u> </u> | ـــــ | | | | L |
| 21 | + | \perp | \perp | _ | _ | | | | | | _ | - | 71 | | _ | \dashv | | | _ | _ | \perp | _ | _ | | | 121 | 1 | <u> </u> | | <u> </u> | <u> </u> | _ | | | L |
| 22 | - | 4- | \perp | _ | \perp | | | | | | | L- | 72 | | | _ | | _ | | _ | 4 | _ | _ | | _ | 122 | 1 | L. | | <u> </u> | ــــــــــــــــــــــــــــــــــــــ | <u> </u> | ļ | | L |
| 23 | | \perp | 1 | _ | _ | | _ | | | | | _ | 73 | | _ | | | _ | _ | | _ | _ | _ | | \sqsubseteq | 123 | 1 | _ | _ | <u> </u> | ↓_ | _ | | | L |
| 24 | - | | \perp | _ | _ | _ | | | | | | _ | 74 | | _ | _ | | | | _ | | 4 | _ | | | 124 | <u> </u> | _ | _ | _ | \perp | | _ | | ļ |
| 25 | - | ┵ | ᆚ | _ | \perp | | | | | | | | 75 | | | | | | _ | _ | _ | _ | \dashv | | _ | 125 | ļ. | | _ | _ | \perp | L | _ | L | ļ |
| 26 | - | \perp | 1 | \perp | _ | | _ | | | | Ц | <u> </u> | 76 | | | | | | _ | | _ | _ | ╝ | | L | 126 | 1 | <u> </u> | | <u> </u> | <u> </u> | | _ | _ | L |
| 27 | _ | | _ | _ | | | _ | | | | Ш | L | 77 | | | | | | _ | | | _ | | | _ | 127 | <u> </u> | _ | L | <u> </u> | \perp | <u> </u> | | _ | ļ |
| 28 | | \perp | \bot | _ | _ | | | | | | Ш | _ | 78 | | | | | _ | | _ | | * | _ | | _ | 128 | _ | ļ | <u> </u> | ↓_ | L | | ļ | _ | 1 |
| 29 | _ | \perp | | _ | | | | | | | Ш | <u> </u> | 79 | | | | | | | | _ | _ | | | | 129 | ļ., | <u> </u> | <u> </u> | Ļ | Ļ | _ | _ | _ | ļ |
| 30 | - | | | | | | | | <u> </u> | | | _ | 80 | | | | | | | | | | _ | | L | 130 | | <u> </u> | <u>L</u> | L | ┺ | | L | L | 1 |
| 3 | - | \perp | 1 | | | | | | | | Ш | | 81 | | | | | | | | | \perp | | | | 131 | ┸ | _ | L | _ | L | _ | L | _ | 1 |
| 32 | | | -4 -4 | | | | | | L | | Ш | <u> </u> | 82 | | | | | | | _ | _ | | | | L | 132 | _ | 上 | L | \perp | \perp | <u> </u> | <u> </u> | L. | 1 |
| 33 | | 1 | \perp | | | | | _ | | L | Ш | _ | 83 | | <u>L</u> . | L_ | _ | | | | _ | | | | | 133 | ┸ | ┖ | L | 1 | 丄 | ļ | <u> </u> | | 1 |
| 34 | _ | _/′ | \perp | _ | | | | _ | | L | | L | 84 | | | | | | | _ | _ | _ | | | | 134 | <u> </u> | 1_ | | 1_ | <u> </u> | _ | <u> </u> | L | 1 |
| 35 | | | _ | | | | L | | _ | <u> </u> | Ш | <u> </u> | 85 | | | L | | | Щ | | | | | | _ | 135 | \bot | \perp | $oxed{oxed}$ | 1 | 1 | _ | 1_ | | 1 |
| 36 | - | \perp | \perp | \dashv | | | | | <u> </u> | <u></u> | Ш | | 86 | <u> </u> | | $ldsymbol{f eta}$ | _ | | \Box | _ | _ | | | | <u></u> | 136 | ┷ | \perp | $oxdapsymbol{oxed}$ | \perp | \perp | \perp | L | L | 1 |
| 3 | | \perp | _ | | | | | | <u> </u> | L | Ш | | 87 | 1 | | | $oxed{oxed}$ | Ш | | | | | | | | 137 | | | L | L | \perp | L | L | L | 1 |
| 38 | -4- | | _ | | | | | _ | 1_ | L | Ш | L | 88 | <u> </u> | <u> </u> | \perp | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш | Ш | | | _ | | | L | 138 | ↓_ | L | 1 | L | 1_ | \perp | \perp | | 1 |
| 39 | + | \perp | \perp | | _ | | _ | Ĺ | <u> </u> | L | Ш | 1 | 89 | <u> </u> | <u> </u> | L | <u> </u> | | | _ | | | | | <u></u> | 139 | \bot | L | _ | \perp | 1 | 1. | | L | 1 |
| 40 | 기 | | | | | | | L | L | | \sqcup | L | 90 | _ | L | | | | | | | | | | L | 140 | \perp | | | L | | | | Ľ | 1 |
| 4 | | T | T | | | | | | | | \Box | | 91 | | | Ľ | | | | | | | | | | 141 | | | | | | - | | | ſ |
| 42 | 1 | \top | | | | | <u> </u> | | T | | П | | 92 | | | П | | П | | | | | | 1 | | 142 | 1 | \top | | T | \top | | | | 1 |
| 4 | 3 | 1 | 1 | \exists | | | | Γ | | Γ | П | | 93 | | | Π | | | | | | | | 1 | | 143 | T- | 1 | 1 | T | \top | Т | Т | | T |
| 4 | 4 | \top | T | \neg | | | | | | Ī | П | | 94 | T | | | | | | | | | | 1 | | 144 | \top | Τ | Т | Τ | T | Г | Τ | Τ | 1 |
| 4 | | \top | 7 | 一 | _ | | - | | 1 | <u>† </u> | П | | 95 | | Г | l | T | П | П | | | _ | | 1 | | 145 | 1 | T | \top | T | 1 | T | 1 | T | 1 |
| 4 | | \dagger | 7 | | | | | | \top | T | \sqcap | | 96 | | Γ | Γ | 1 | i | П | | | | _ | 1 | | 146 | T | 1 | \top | Τ | \top | 1 | 1 | \top | 1 |
| 4 | | \top | \dashv | | - | _ | _ | Π | | T | | | 97 | | Π | | | | П | | | | | 1 | | 147 | \top | T | \top | T | 1 | t | 1 | T | 1 |
| 48 | | + | + | | | | | | | | | | 98 | | ıπ | | | | 7 | | | | | 1 | | 148 | | + | | T | 1 | 1 | | | 1 |
| 4 | | 1 | \dashv | | | _ | | 1 | | | П | | 99 | | 1 | T | | П | | | | П | | 1 | - | 149 | 1 | Ť | + | 1 | + | 1 | 1 | T | † |
| 50 | | + | -† | \neg | | \vdash | \vdash | | T | 1 | H | | 100 | | 1 | T | \vdash | | _ | | | Н | | | \vdash | 150 | T | + | \top | + | + | 1- | T | 1 | † |

If more than 150 claims or 10 actions staple additional sheet here